



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

MAR 10 2000

DOT-E 8215
(FIFTEENTH REVISION)

EXPIRATION DATE: February 28, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Olin Corporation, Brass and Winchester, Inc.
East Alton, IL
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain Division 1.1, 1.3 and 1.4 explosives, Division 4.1 flammable solids and ORM-D materials to a distance not to exceed 7/10 mile by motor vehicle or rail freight in non-DOT specification packagings described herein without labels and EX-number markings, subject to the limitations and special requirements specified herein. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Subpart E of Part 172; §§ 172.320, 173.62(c), 173.212, and 173.230.
5. BASIS: This exemption is based on the application of Olin Corporation, Brass and Winchester, Inc. dated February 22, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Cartridges, small arms	ORM-D	none	N/A
Diazodinitrophenol, wetted	1.1A	UN0074	II
Lead styphnate, wetted	1.1A	UN0130	II
Powder, smokeless	1.3C	UN0161	II
Primers, cap type	1.4B	UN0378	II
Primers, cap type	1.4S	UN0044	II
Substances, explosive, n.o.s (mixtures of lead styphnate-90% and tetrazene-10%)	1.1A	UN0473	II
Tetrazene, wetted	1.1A	UN0114	II
Waste smokeless powder for small arms (wetted with not less than 30 percent water)	4.1	NA3178	II
Waste nitrocellulose with water with not less than 25 percent by mass	4.1	UN2555	II
Waste cartridges, small arms	1.4C	UN0339	II
Waste cartridges, small arms	1.4S	UN0012	II
Waste substances, explosive, n.o.s. (sponges and rags impregnated with initiating explosives)	1.1A	UN0473	II
Waste cartridges for weapons, blank	1.4S	UN0014	II

NOTE: The EX-Approval Numbers for all Class 1 explosive articles or substances must be identified to and acknowledged in writing by the Office of Hazardous Materials Exemptions and Approvals prior to their first shipment under this exemption. A list of currently authorized Class 1 explosive articles and substances is shown in Appendix B.

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7. PACKAGINGS and SAFETY CONTROL MEASURES: - The packagings prescribed are:

- a. Division 4.1 waste smokeless powder for small arms, (wetted with not less than 30% water-EPA ignitibility) and Division 1.4B or 1.4S waste primers, cap type, which are under water or oil, must be placed in plastic bags and then placed in porcelain buckets, or plastic buckets not exceeding 4 gallons capacity. The plastic bags must be closed so that the water content of the smokeless powder is at least 30% by weight and the primers are completely immersed in water or oil at all times during transportation.
- b. ORM-D cartridges, small arms must be placed in a wooden box with hinged lid, open plastic containers, open metal tote boxes or multi-compartment carrying trays. Other than wooden boxes, loaded packagings must be placed in a wood rack within the motor vehicle to secure against movement.
- c. Divisions 1.4C and 1.4S waste cartridges, small arms and waste cartridges for weapons, blank must be placed in open 55 gallon drums, 3 gallon plastic buckets, 4 gallon plastic pails, or 3 gallon porcelain buckets and loaded in motor vehicle.
- d. Division 1.1A lead styphnate, tetrazene and diazodintrophenol must be placed in a textile cloth or rubber coated, textile cloth bag and then placed in a stainless steel container with lid. The Division 1.1A explosives and bag must be covered with at least 2 or 3 inches of water or a 50/50 solution of water and anti-freeze agent, when necessary to prevent freezing. The stainless steel container is then clamped closed and placed into a wooden support rack inside the motor vehicle or rail car.
- e. Division 1.1A explosive substances, n.o.s (mixtures of lead styphnate-90% and tetrazene-10%) must be placed in a rubber liner of approximately 3 quart capacity contained in an aluminum pot. The material must be completely covered with approximately 1 inch of water or a 50/50 solution of water and antifreeze agent, when necessary to prevent freezing. Packaging, closure and securement for these explosives must follow the descriptions contained in Olin Corporation's application dated November 2, 1984.

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- f. Division 1.4B and 1.4S primers, cap type must be transported in one of two ways: First, they may be placed in a hand buggy which has eight trays. Each hand buggy tray may contain up to eight pans which can carry 12,300 small arms primers per tray. Each hand buggy may carry up to a total of 98,400 small arms primers. Up to eight hand buggies may be loaded on a motor or rail vehicle equipped with locking features for each hand buggy. Second, they may be placed in cellular plastic trays containing up to 1000 primers per tray or cellular fiberboard trays containing up to 620 primers per tray, which are covered and placed in a wooden outer box. Each outer box may contain up to 27,280 primers.
- g. Samples of Division 1.3C powder, smokeless must be placed in plastic, fiberboard or metal receptacles having positive closures with a capacity of 8 lb. or less net weight. The plastic, fiberboard or metal receptacles must then be placed in a strong fiberboard outer box and cushioned to prevent movement of the inside containers.
- h. Division 1.1A substances, explosive, n.o.s. (sponges and rags contaminated with initiating explosives) must be placed in 3 gallon capacity porcelain or plastic buckets, or 4 gallon capacity plastic pails, and totally covered with water or a solution of water and antifreeze when necessary to prevent freezing.
- i. Division 4.1 waste nitrocellulose with water (or a solution of water and antifreeze when necessary to prevent freezing) not less than 25 percent by mass, must be placed in plastic bags closed by either tape or twist ties. The plastic bags must be placed in 3 gallon capacity porcelain or plastic buckets, or 4 gallon plastic pails.

8. SPECIAL PROVISIONS:

- a. The packages shipped under this exemption are exempted from § 172.320 and Subpart E (Labeling) of Part 172. Placarding the vehicle is required.
- b. Transportation in commerce under this exemption is strictly limited to the Olin Corporation/Winchester Division and Olin Brass & Winchester, Inc. facilities in East Alton, Illinois, for a distance of up to 7/10

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mile on a public highway which bisects the plant or on a railroad siding which parallel the public highway.

- c. All Packages shipped under this exemption must be transported by Olin Corporation/Winchester Division's and Olin Brass & Winchester Inc.'s Company-owned or leased vehicles operated by Company employees or railroad employees and in Railroad-owned or leased vehicles.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any

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activity undertaken under the authority of this exemption.)
In addition, the holder(s) of this exemption must inform the
AAHMS, in writing, of any incidents involving the package
and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



for Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous
Materials Safety, Research and Special Programs Administration,
Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office.
Photo reproductions and legible reductions of this exemption are
permitted. Any alteration of this exemption is prohibited.

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APPENDIX B

EX-APPROVAL NUMBERS OF ALL UN 0161, POWDER, SMOKELESS, CLASS 1.3C
CURRENTLY AUTHORIZED UNDER THIS EXEMPTION

EX-8204024
-8204024A
-8204024B
-8204024C
-8204024D
-8204025B
-8204032A
-8204032B
-8204033
-8206038A
-8210070
-8210070A
-8307179
-8307180A
-8307180B
-8307180C
-8307183A
-8307183H
-8307184B
-8307186A
-8307186B
-8307186M
-8307186Q
-8307187B
-8307187C
-8307189A
-8307190
-8307190A
-8307190B
-8307190C
-8307190E
-8307190G
-8307191
-8307191A
-8307191B
-8404001
-8404004
-8404005
-8408178
-8408178A
-8408179
-8408179A
-8408179C

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APPENDIX B (Continued)

EX-APPROVAL NUMBERS OF ALL UN 0161, POWDER, SMOKELESS, CLASS 1.3C
CURRENTLY AUTHORIZED UNDER THIS EXEMPTION

EX-8410003
-8410003C
-8410024
-8410025
-8410026
-8502101A
-8502019C
-8502019H
-8502019O
-8510021
-8511069A
-8601170
-8601170A
-8601171
-8601172
-8703006E
-8803060
-8804052
-8804053
-8804055
-8804056
-9003214
-9003215
-9003216
-9003217
-9003218
-9003219
-9003220
-9003224
-9003225
-9003243
-9004359
-9004361
-9004361C
-9006145A
-9006145B
-9006145D
-9304125
-9305018
-9305028D

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APPENDIX B(Continued)

EX-APPROVAL NUMBERS FOR ALL UN 0044, PRIMERS, CAP TYPE, CLASS
1.4S CURRENTLY AUTHORIZED UNDER THIS EXEMPTION

EX-8607060
-8712135
-8712136
-8712137
-8712138
-8712139
-8712140
-8712141
-8712142
-8712143
-8712144
-8712145
-8712146
-8712147
-8712148
-8712149
-8712150
-8702152
-8702153
-8702154
-8712155
-8712156
-8811100
-9204022
-9301083

EX-APPROVAL NUMBERS FOR ALL UN 0378, PRIMERS, CAP TYPE, CLASS
1.4B CURRENTLY AUTHORIZED UNDER THIS EXEMPTION

EX-9210119
-9304031
-9301160
-9401091

EX-APPROVAL NUMBERS FOR ALL DIVISION 1.1A EXPLOSIVES CURRENTLY
AUTHORIZED UNDER THIS EXEMPTION

UN 0130	Lead styphnate, wetted	EX-9004357
UN 0114	Tetrazene, wetted	EX-9004354
UN 0074	Diazodinitrophenol	EX-8805139
		EX-9807026
		EX-9807026A
UN 0473	Substances, Explosive, n.o.s.	EX-9310187
" "	" "	EX-9310188